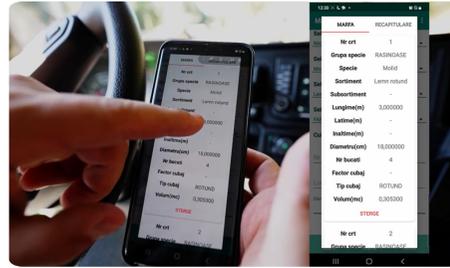


## SUMAL 2.0 | Digital Wood Tracking



*InspectorulPadurii.ro is initiated by Ministry of Environment, Waters and Forests together with the Government of Romania with the aim to make transparent the wood harvesting activity, transport of wood in entire Romania.*

The online portal is an automatic method for identifying illegally cut timber transports from Romania. The users are able to observe alerts from satellites indicating information and once every few days (between 2 and 7 days depending on the satellite) any change in the aerial image associated with the forest vegetation in Romania. The portal also accesses the SUMAL database of the Ministry of Water and Forests in real time. From this database, information is extracted to be processed in the internal system, about the enhancement documents on wood harvests, the locations from where the timber transports are loaded and the information related to these points. The permits on wood harvest became digitalized, therefore all harvesting activity can be checked by satellite monitoring while the transports must obtain a unique code before leaving the place of loading. This code is only obtained after the transport information has been entered into the system, including the location where the code was requested. The portal, through further developments, also contains an API (set learned of rules), which allows automatic access to all information publicly presented on this portal (layers, transport coordinates and related metadata, enhancement documents, etc.), so that other interested actors can make analyzes that will lead to stopping illegal logging.

## DETALJI

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### PODRIJETLO DRVA

Šuma

### VRSTA DRVA

Deblo

### ODGOVARAJUĆA VRSTA DRVA

logwood, primer material

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

protection

### UČINAK NA PRIHOD

minor impact

### POTENCIJAL ISKORISTIVOSTI

high

### SREDIŠTE

--

### GOSPODARSKI UČINAK

Transparency

### POTREBNA POSEBNA ZNANJA

Digitalization

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

11000000 m3/y

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

Vrlo pozitivno

### JEDNOSTAVNOST PROVEDBE

difficult

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

teško

### KLJUČNI PREDUVJETI

political decision

### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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### UČINAK NA ZAPOŠLJIVOST

minor impact

### TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

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IZAZOV	DOMENA	VRSTA RJEŠENJA
5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš	Popis, procjena, praćenje Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost Sječa, infrastruktura, logistika	Alati za praćenje
KLJUČNE RIJEČI	DIGITALNO RJEŠENJE	INOVACIJA
timber tracking; traceability	Da	Da
ZEMLJA PODRIJETLA	PODRUČJE PRIMJENE	POČETAK I KRAJ GODINE
--	Nacionalna	2021 -

## KONTAKT PODATCI

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VLASNIK ILI AUTOR	IZVJESTITELJ
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## REFERENCES AND RESOURCES

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GLAVNA WEB STRANICA	IZVORI
<a href="https://www.mmediu.ro">https://www.mmediu.ro</a>	--
WEB STRANICA PROJEKTA	
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REFERENCA PROJEKTA	
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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

